(Will ERILL)

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau

AIPO OMPI

D Rec'd 10 7 JUL 200

(43) International Publication Date
22 July 2004 (22.07.2004)

0.3/ PCT

(10) International Publication Number WO 2004/060368 A1

(51) International Patent Classification⁷: 31/194, 31/235, A61P 3/10

A61K 31/426,

(21) International Application Number:

PCT/EP2003/014538

(22) International Filing Date:

18 December 2003 (18.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

03 00 107 03 14 263 7 January 2003 (07.01.2003) FR 4 December 2003 (04.12.2003) FR

(71) Applicant (for all designated States except US): MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KERGOAT, Micheline [FR/FR]; 5, Villa des Bois, F-91440 Bures-sur-Yvette (FR). KARGAR, Catherine [FR/FR]; 128 Avenue de Paris, F-78000 Versailles (FR). AUTIER, Valérie [FR/FR]; 22, allée Chantereine, F-91190 Gif sur Ivette (FR). ARBELLOT DE VACQUEUR, Annick [FR/FR]; 27 rue des Tiers, F-91640 Fontenay les Briis (FR). MOINET, Gérard [FR/FR]; 15, rue Lamartine, F-91400

Orsay (FR). MARAIS, Dominique [FR/FR]; 5, chemin des Pouillères, F-78250 Meulan (FR).

- (74) Common Representative: MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: KYNURENINE 3-HYDROXYLASE INHIBITORS FOR THE TREATMENT OF DIABETES BY INCREASING THE NUMBER OF ISLETS OF LANGERHANS CELLS

(57) Abstract: The present invention relates to the use of at least one compound with inhibitory activity on kynurenine 3-hydroxy-lase, for the preparation of a medica ment for increasing the number of islets of Langerhans cells, which is intended especially for the prevention and/or treatment of diabetes.

2004/060368 A1